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(54) Title: **SOIL MEMBRANE FORMING MIXTURE**

(57) Abstract: This invention relates to an organic, environment-friendly, preferably antioxidising and biodegradable climate, soil and growth enhancing mixture of preferably organic materials that can be applied to moist soil as dry matter or dry soil in liquid state, and which subsequently solidifies into a degradable film or membrane on top of or at a given depth in the soil. The properties of the film can be set so that the film regulates or changes the soil's oxidation ability, degradation rate, temperature, greenhouse gas respiration, combustibility, mechanical strength, evaporation rate, water runoff, nutrient conversion rate and germination conditions on and/or below the surface of the soil mass. The film or membrane can be used alone or in combination with standard plant nutrition or fertiliser.

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